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PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 01

of 05

Complete if Known

Application Number	10/691,788
Filing Date	10/23/2003
First Named Inventor	Trevor ARTHURS, et al.
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	2504-011DIV

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
NA	01	US- 3,470,928	10/07/1969	Schwartz	
	02	US- 3,670,485	06/20/1972	Brown et al.	
	03	US- 3,678,675	07/25/1972	Klein	
	04	US- 3,690,057	09/12/1972	Norris	
	05	US- 3,699,590	10/24/1972	Webber et al.	
	06	US- 3,806,401	04/23/1974	Brinkhoff et al.	
	07	US- 3,828,543	08/13/1974	Goodbar et al.	
	08	US- 3,882,667	05/13/1975	Barry	
	09	US- 3,955,022	05/04/1976	Sands	
	10	US- 3,969,559	07/13/1976	Boe	
	11	US- 3,987,613	10/26/1976	Woods et al.	
	12	US- 4,010,784	03/08/1977	Natrass et al.	
	13	US- 4,207,937	06/17/1980	Sandeman et al.	
	14	US- 4,247,596	01/27/1981	Yee	
	15	US- 4,362,199	12/07/1982	Futerman	
	16	US- 4,364,424	12/21/1982	Natrass	
	17	US- 4,369,622	01/25/1983	Teed et al.	
	18	US- 4,420,534	12/13/1983	Matsui	
NA	19	US- 4,422,483	12/27/1983	Zins	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ Number * Kind Code ⁴ (if known)				
NA	20	0353386 A2 European	02/07/1990	Lin		

Examiner
Signature

N. Ahmed

Date
Considered

12.11.05

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 02

of 05

Application Number	10/691,788
Filing Date	10/23/2003
First Named Inventor	Trevor ARTHURS, et al.
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	2504-011DIV

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		Number-Kind Code ² (if known)			
NA	21	US- 4,431,316	02/14/1984	Massey	
	22	US- 4,493,109	01/08/1985	Natrass	
	23	US- 4,499,599	02/12/1985	Polett et al.	
	24	US- 4,519,201	05/28/1985	Toon	
	25	US- 4,606,968	08/19/1986	Thornton et al.	
	26	US- 4,610,028	09/02/1986	Natrass	
	27	US- 4,643,119	02/17/1987	Langston et al.	
	28	US- 4,753,088	06/28/1988	Harrison et al.	
	29	US- 4,756,941	07/12/1988	McCullough et al.	
	30	US- 4,771,596	09/20/1988	Klein	
	31	US- 4,856,299	08/15/1989	Bryant	
	32	US- 5,001,813	03/26/1991	Rodini	
	33	US- 5,026,603	06/25/1991	Rodini	
	34	US- 5,071,699	12/10/1991	Pappas et al.	
	35	US- 5,102,727	04/07/1992	Pitman	
	36	US- 5,202,185	04/13/1993	Samuelson	
	37	US- 5,288,544	02/22/1994	Mallen et al.	
	38	US- 5,305,593	04/26/1994	Rodini et al.	
NA	39	US- 5,478,154	12/26/1995	Pappas et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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N. Ahmad

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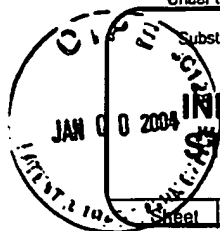
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 03

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Filing Date	10/23/2003
First Named Inventor	Trevor ARTHURS, et al.
Art Unit	Not yet assigned
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Attorney Docket Number	2504-011DIV

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		Number-Kind Code ² (if known)			
NA	40	US- 5,512,355	04/30/1996	Fuson	
	41	US- 5,679,449	10/21/1997	Ebadat et al.	
	42	US- 5,698,148	12/16/1997	Asher et al.	
	43	US- 5,776,608	07/07/1998	Asher et al.	
	44	US- 5,780,572	07/14/1998	Graham	
	45	US- 5,790,926	08/04/1998	Mizoe et al.	
	46	US- 5,840,425	11/24/1998	Hodan	
	47	US- 5,916,506	06/29/1999	Breznak et al.	
	48	US- 5,938,338	08/17/1999	McDonough	
	49	US- 5,952,099	09/14/1999	Asher et al.	
	50	US- 6,017,610	01/25/2000	Abe et al.	
	51	US- 6,057,032	05/02/2000	Green	
	52	US- 6,112,772	09/05/2000	Ebadat et al.	
	53	US- 6,228,492	05/08/2001	Kinlen et al.	
	54	US- 6,242,094	06/05/2001	Breznak et al.	
	55	US- 6,287,689	09/11/2001	Elliott et al.	
	56	US- 6,413,635	07/02/2002	Martin et al.	
	57	US- 6,451,407	09/17/2002	Nickell	
NA	58	US- 60/137,615	06/03/1999	Fisher et al.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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N. Ahmad

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Sheet 05 of 05

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Filing Date	10/23/2003
First Named Inventor	Trevor ARTHURS, et al.
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	2504-011DIV

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
NA	60	Hoechst Celanese's Dictionary of Fiber and Textile Technology; copyright Hoechst Celanese Corporation, pp. 16, 23, 60, 96, 149	
	61	"Manufacture of Spun Yarn" by Peyton B. Hudson, Anne C. Clapp and Darlene Kness, Joseph's Introductory Textile Science, Sixth Ed., Harcourt Brace Jovanovich College Publishers, Chapter 16, pp. 163-174.	
	62	"Electrostatic Properties of Materials," Fed. Test Method Std. No. 101B, Method 4046, Appendix B, January 15, 1969, pp. 55-58.	
	63	"Electrostatic Discharge Control", by Owen J. McAteer, McGraw-Hill Publishing Co., N.Y. (1990) pp. 119-120.	
	64	"Testing the Suitability of FIBCs for Use in Flammable Atmospheres" by V. Ebadat and James Mulligan, 15, 3 (Fall 1996).	
	65	"A Study of The Electrostatic Behavior of Carpets Containing Conductive Yarns" by LeAnn Kessler and W. Keith Fisher, J. of Electrostatics 39 (1997) pp. 253-275.	
	66	"Static Electricity Dissipation Mechanism in Carpets Containing Conductive Fibers" by W. Keith Fisher as presented at the March 30 Electrostatics 1999 conference in Cambridge, UK.	
NA	67	"Flexible Intermediate Bulk Containers (FIBCs)", Flexible Intermediate Bulk Container Association.	

Examiner Signature	N. Ahmad	Date Considered	12.18.05
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